

CLAIM AMENDMENTS

1 - 10. (canceled)

11. (currently amended) ~~The tool according to claim 1,~~
~~characterized in that the disk-shaped tool mount (50) carries~~ A
disk- or bar-shaped tool for chip-removing machining, the tool
comprising:

a tool mount;

at least one cassette-shaped holder axially or radially
bearing on the mount;

a respective peripheral cutting insert fixed in the
holder;

an adjustment wedge braced between the holder and the
mount near where the cutting insert is fixed to the mount;

means for moving the adjustment wedge and thereby axially
or radially shifting the insert on the mount;

at least one tangentially clamped cutting insert (51) or
~~a bar-shaped tool mount carries on its upper edge a clamped cutting~~
~~insert, wherein the cutting insert (51) that is tangentially~~
~~clamped or clamped to [[the]]~~ an upper edge [[is]] of the mount and
radially adjustable for working the outer surface profile of a
workpiece.

12. (currently amended) The tool according to claim 11,
~~characterized in that~~ wherein the tangentially ~~or upper edge~~

3 mounted cutting insert ~~[[51]]~~ is fixed in a cassette ~~[[52]]~~
4 that is mounted in a tool-mount seat and is adjustable radially by
5 an adjustment wedge ~~[[55]]~~.

1 13. (currently amended) The tool according to claim 12,
2 ~~characterized in that~~ wherein the cassette ~~[[52]]~~ is clamped by
3 at least one clamping wedge ~~[[53]]~~.

1 14. (currently amended) The tool according to claim 12
2 ~~, characterized in that~~ wherein the clamping wedge (53) and/or the
3 adjustment wedge (55) ~~are~~ is engaged by a double-threaded screw (54
4 or 56) having one end engaged in a throughgoing hole of the
5 adjustment wedge (55) ~~or of the clamping wedge (53)~~ and another end
6 in a threaded bore of the tool mount ~~[[50]]~~.

7 15. (new) A machine tool for cutting a profile in a
8 rotating workpiece, the tool comprising:

9 a body centered having an elongated edge formed with an
10 angularly extending row of seats each having a radially directed
11 seat face and an axially directed seat face;

12 respective Z-shaped holders in the seats each having

13 an outer part forming a holder face axially

14 confronting the respective axially

15 directed seat face,

16 an inner part offset from and generally

17 parallel to the respective outer part and

18 formed with a holder face radially
19 confronting the respective radially
20 directed seat face, and
21 a middle part that extends transversely between
22 the respective inner and outer parts, that
23 is more flexible than the respective inner
24 and outer parts and that extends between,
25 and that connects the respective inner and
26 outer parts, whereby the holder can flex
27 at the middle part;
28 respective fasteners releasably fixing the inner parts to
29 the body against relative movement;
30 respective cutting inserts on the outer parts of the
31 holders;
32 means releasably fixing the inserts on the respective
33 holders;
34 an adjustment wedge between one of the seat faces and the
35 respective holder face and displaceable in a respective wedge
36 direction to shift the outer part of the respective holder relative
37 to the body and transversely of the respective one seat face; and
38 respective means braced between the wedge and the body
39 for shifting the wedge in and against the direction and thereby
40 changing the orientation of the respective holder and insert
41 transverse to the respective one seat face.

1 16. (new) The machine tool defined in claim 15 wherein
2 each outer part can be shifted by the respective adjustment wedge
3 and with elastic deformation of the respective middle part up to
4 0.3 mm relative to the respective lower inner part.

1 17. (new) The machine tool defined in claim 15 wherein
2 the fasteners are screws.

1 18. (new) The machine tool defined in claim 17 wherein
2 the screws pass through respective throughgoing bores in the body
3 and are threaded into respective threaded bores in the respective
4 lower parts.

1 19. (new) The machine tool defined in claim 15 wherein
2 the cutting inserts are each indexable and have a PKD cutting edge.

1 20. (new) The machine tool defined in claim 15 wherein
2 the one seat face is the axially directed seat face and the
3 respective holder face is the axially directed holder face.

1 21. (new) The machine tool defined in claim 15 wherein
2 the one seat face is the radially directed seat face and the
3 respective holder face is the radially directed holder face.

1 22. (new) The machine tool defined in claim 21, further
2 comprising:

3 respective other adjustment wedges each between a
4 respective one of the axially directed seat faces of the respective
5 seat and the axially directed holder face of the respective holder;
6 and

7 respective means braced between the other wedges and the
8 body for shifting the other wedges in and against the respective
9 wedge direction and thereby changing the orientation of the
10 respective holder and insert generally parallel to the axis.

1 23. (new) The machine tool defined in claim 15 wherein
2 the means braced between the wedge and the body is a double-
3 threaded extending in the respective wedge direction and having one
4 end threaded into the body and an oppositely threaded end threaded
5 into the respective holder.

1 24. (new) The machine tool defined in claim 15 wherein
2 each seat further has an angularly directed seat face and each
3 holder has a respective angularly directed seat face confronting
4 the respective angularly directed seat face, the tool further
5 comprising:

6 respective other adjustment wedges each between a
7 respective one of the angularly directed seat faces and the
8 respective angularly directed holder face and displaceable in a
9 respective wedge direction to shift the respective holder relative
10 to the body and angularly of the axis; and

11 respective means braced between the other wedges and the
12 body for shifting the respective other wedges in and against the
13 respective wedge direction and thereby changing the orientation of
14 the respective holder and insert angularly and tangentially of the
15 axis.

1 24. (new) The machine tool defined in claim 15, further
2 comprising

3 respective retaining screws each engaged through a
4 respective throughgoing hole in the body and threaded into a
5 respective threaded hole opening on the respective one holder face
6 for pressing the holder tightly against the respective adjustment
7 wedge.